

What is claimed is:

1 1. An imaging lens formed of only three lens components, arranged along an optical axis in
2 order from the object side, as follows:

3 a stop;

4 a first lens component;

5 a second lens component; and

6 a third lens component;

7 wherein

8 all three object-side lens surfaces and all three image-side lens surfaces of the three lens
9 components are aspheric;

10 the first lens component has positive refractive power, its lens surface on the object side
11 is convex in a central area near the optical axis with the optical axis as an axis of rotational
12 symmetry, and its lens surface on the image side is convex with the optical axis as an axis of
13 rotational symmetry;

14 the second lens component has negative refractive power, its lens surface on the object
15 side is concave in a central area near the optical axis with the optical axis as an axis of rotational
16 symmetry, and its lens surface on the image side is convex in a central area near the optical axis
17 with the optical axis as an axis of rotational symmetry; and

18 the third lens component has positive refractive power, its lens surface on the object side
19 is convex in a central area near the optical axis with the optical axis as an axis of rotational
20 symmetry, its lens surface on the image side is concave in a central area near the optical axis with
21 the optical axis as an axis of rotational symmetry, and its lens surface on the image side becomes
22 convex at the periphery with the optical axis as an axis of rotational symmetry.

1 2. The imaging lens of claim 1, wherein:

2 the second lens component consists of a single lens element; and

3 the following condition is satisfied:

4 $25 < v_2 < 45$

5 where

6 v_2 is the Abbe number of said lens element.

1 3. The imaging lens of claim 1, wherein each of the three lens components consists of a single
2 lens element.

1 4. The imaging lens of claim 2, wherein each of the first lens component and the third lens
2 component consists of a single lens element.

1 5. The imaging lens of claim 1, wherein the following condition is satisfied:

2 $1.3 < f / f_1 < 1.8$

3 where

4 f is the focal length of the imaging lens, and

5 f_1 is the focal length of the first lens component.

1 6. The imaging lens of claim 2, wherein the following condition is satisfied:

2 $1.3 < f / f_1 < 1.8$

3 where

4 f is the focal length of the imaging lens, and

5 f_1 is the focal length of the first lens component.

1 7. The imaging lens of claim 3, wherein the following condition is satisfied:

2 $1.3 < f / f_1 < 1.8$

3 where

4 f is the focal length of the imaging lens, and

5 f_1 is the focal length of the first lens component.

1 8. The imaging lens of claim 4, wherein the following condition is satisfied:

2
$$1.3 < f / f_1 < 1.8$$

3 where

4 f is the focal length of the imaging lens, and

5 f_1 is the focal length of the first lens component.

1 9. The imaging lens of claim 1, wherein the lens material of the first lens component is optical
2 glass.

1 10. The imaging lens of claim 2, wherein the lens material of the first lens component is optical
2 glass.

1 11. The imaging lens of claim 3, wherein the lens material of the first lens component is optical
2 glass.

1 12. The imaging lens of claim 4, wherein the lens material of the first lens component is optical
2 glass.

1 13. The imaging lens of claim 5, wherein the lens material of the first lens component is optical
2 glass.

1 14. The imaging lens of claim 6, wherein the lens material of the first lens component is optical
2 glass.

1 15. The imaging lens of claim 7, wherein the lens material of the first lens component is optical
2 glass.

1 16. The imaging lens of claim 8, wherein the lens material of the first lens component is optical
2 glass.